

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(US-20030161734-\$). did. or (US-6857857-\$ or US-6536326-\$ or US- 7001154-\$ or US- 6176683-\$ or US- 4502842-\$).did.	US-PGPUB; USPAT	OR	ON	2010/05/13 10:15
L2	0	1 and filter near (low or high)	US-PGPUB; USPAT	OR	ON	2010/05/13 10:19
L3	0	1 and filter with high- pass	US-PGPUB; USPAT	OR	ON	2010/05/13 10:19
L4	1	1 and filter with low- pass	US-PGPUB; USPAT	OR	ON	2010/05/13 10:19
L5	3	1 and filter	US-PGPUB; USPAT	OR	ON	2010/05/13 10:19
L6	11	417/44.1.ccls. and filter with high with low	US-PGPUB; USPAT	OR	ON	2010/05/13 10:24
L7	4	417/44.1.ccls. and high adj pass	US-PGPUB; USPAT	OR	ON	2010/05/13 10:25
L8	0	1 and refrigerant	US-PGPUB; USPAT	OR	ON	2010/05/13 10:54
L9	1	1 and cooler	US-PGPUB; USPAT	OR	ON	2010/05/13 10:54
L10	0	1 and refri\$5	US-PGPUB; USPAT	OR	ON	2010/05/13 10:54
L11	1	1 and refri\$9	US-PGPUB; USPAT	OR	ON	2010/05/13 10:54
L12	0	"44".11.ccls. and refrigerator	US-PGPUB; USPAT	OR	ON	2010/05/13 10:55
L13	52	417/44.11.ccls. and refrigerator	US-PGPUB; USPAT	OR	ON	2010/05/13 10:55
L14	0	417/417.clas. and refrigerator	US-PGPUB; USPAT	OR	ON	2010/05/13 10:56
L15	0	417/417.clas. and refri\$ \$6	US-PGPUB; USPAT	OR	ON	2010/05/13 10:56
L16	219	417/417.ccls. and refri\$ \$6	US-PGPUB; USPAT	OR	ON	2010/05/13 10:56
L17	46	417/417.ccls. and piston near3 (collision)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:38

L18	31	417/417.ccls. and piston near3 (colli\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:38
L19	57	417/417.ccls. and piston near3 (colli\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:38
L20	30	417/53.ccls. and piston near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:40
L21	17	417/63.ccls. and piston near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L22	35	417/415.ccls. and piston near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L23	51	417/415.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L24	87	417/417.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L25	31	417/44.1.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L26	32	417/63.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L27	50	417/53.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L28	1361	"417".clas. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:42
L29	4	417/45.ccls. and (piston or plunger) near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 11:43
S1	25	"6176683"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:24
S2	1	("6176683").PN.	USPAT; USOCR	OR	OFF	2010/05/11 12:24
S3	1	"20030161734"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:25

S4	32	("4345442"   "4613285"   "4831785"   "4842301"   "4879502"   "5083905"   "5220259"   "5280222"   "5496153").PN. OR ("6176683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:25
S5	16	("20030118460"   "2964272"   "3910729"   "4390321"   "4843951"   "4985015"   "5059097"   "5062399"   "5318521"   "5477149"   "5846056"   "5947693"   "6176683"   "6536326"   "6663348").PN. OR ("6857857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:27
S6	14	("5342176"   "5385021"   "5502968"   "5615556").PN. OR ("6536326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:30
S7	1	"20030219341"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:35
S8	0	"09824074"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:46
S9	2	"09/824074"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:46
S10	16	("20030118460"   "2964272"   "3910729"   "4390321"   "4843951"   "4985015"   "5059097"   "5062399"   "5318521"   "5477149"   "5846056"   "5947693"   "6176683"   "6536326"   "6663348").PN. OR ("6857857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 12:46
S11	22	417/44.1.ccls. and piston with collision	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:26
S12	24	417/44.1.ccls. and piston near (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:26

S13	49	417/44.1.ccls. and piston near3 (collision or hit or collide or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:26
S14	49	417/44.1.ccls. and piston near3 (collision or hit or collid\$4 or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:26
S15	7	417/44.1.ccls. and (sense or detect) near3 (collision or hit or collid\$4 or contact)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:43
S16	2717	"417".clas. and piston near3 (collision or hit or collid\$4 or contact) not S14	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:45
S17	2717	"417".clas. and piston near3 (collision or hit or collid\$4 or contact) not S14	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:45
S18	94	"417".clas. and piston near3 (collision) not S14	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 13:45
S19	2	"10569239"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:03
S20	1	"10596239"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:03
S21	73	berwanger.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:04
S22	24	egidio near2 berwanger.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:04
S23	20	egidio near2 berwanger.in.	EPO; DERWENT	OR	ON	2010/05/11 15:07
S24	10	paulo near2 dainez.in.	EPO; DERWENT	OR	ON	2010/05/11 15:08
S25	12	paulo near2 dainez.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:09
S26	1	egidio near2 berwanger.in. and periodically	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:12
S27	1	calibrate with recalibrate and "417". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:21
S28	104609	periodically adj calibrateand "417". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:22
S29	1	periodically adj calibrate and "417". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:22

S30	16	("20030118460"   "2964272"   "3910729"   "4390321"   "4843951"   "4985015"   "5059097"   "5062399"   "5318521"   "5477149"   "5846056"   "5947693"   "6176683"   "6536326"   "6663348").PN. OR ("6857857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:28
S31	15	calibrat\$4 with recalibrat\$4 and "417". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/11 15:36
S32	1	"10596239"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 14:18
S33	1	"20030219341"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 14:53

**EAST Search History (Interference)**

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